

This listing of claims will replace all prior versions, and listing of claims in the application:

Listing of claims:

Claim 1 (currently amended) A method Use of a disinfectant for the control and
5 inactivation of pathogenic germs, ~~to be applied to~~ on surfaces and instruments of medical and
technical establishments, ~~on the basis of a synergistically effective mixture of mono, di, and~~
~~trihydroxybenzoic acids and phenols and anionic and nonionic surfactants as wetting agents,~~
~~characterized in that it contains synergistically~~ comprising the step of using an effective
microbicidal and antiviral ~~combinations~~ combination of at least one acid selected from the group
10 consisting of aromatic monohydroxycarboxylic acids, dihydroxybenzoic acids, ~~or~~ and
trihydroxybenzoic acids individually or mixed, and phenols in combination with a surfactant
selected from the group consisting of alkyl sulfonates, alkyl aryl sulfonic acid, alkyl aryl
sulfonates, alkyl aryl ether sulfates with 1 to 3 EO groups, alkyl ether sulfates with 1 to 3 EP
groups, their sodium, potassium, and ammonium salts with primary or branched chains having a
15 length of C₈ to C₁₈ as anionic surfactant and alkyl polyethyleneglycol ethers with 3 to 11 EO
groups as nonionic surfactant, individually or mixed.

Claim 2 (currently amended) The method Use according to claim 1, ~~characterized in that~~
wherein the disinfectant comprises ~~contains~~ at least one salt selected from the group consisting of
20 butyl monoglycol sulfate, cumenesulfonate, toluenesulfonate, xylenesulfonate as sodium,
potassium, or ammonium salt, and combinations there of ~~individually or as a mixture, as a~~
hydrotropic agent, and aliphatic alcohols ~~and/or~~ glycols having a chain length of C₂ to C₁₂ ,
individually or as a mixture, as a solvent, and aliphatic carboxylic acids ~~and/or~~
hydroxycarboxylic acids having a chain length of C₁ to C₆, individually or as a mixture, as pH
25 regulators.

Claim 3 (currently amended) The method Use according to claim 1 ~~or 2, characterized in~~
~~that~~ wherein the weight ratio of the hydroxybenzoic acids (A) to the phenols (B) is between 1 : 9
and 9 : 1, and their sum is between 5 and 40 % by weight, ~~referred~~ referring to the total weight of
30 the concentrated disinfectant formula.

Claim 4 (currently amended) The method Use according to claim 1 to 3, ~~characterized in that~~ wherein the weight ratio of the alkyl sulfonates and/or alkyl aryl sulfates and/or ether sulfates and their salts (C) to the acids and phenols (A + B), C : (B + A), is between 1 : 9 and 9 : 1, and their sum is between 10 and 60 %, ~~referred~~ referring to the total weight of the concentrated disinfectant formula.

Claim 5 (currently amended) The method Use according to claim 2, ~~characterized in that~~ wherein the weight ratio of the hydrotropic agents and their salts, individually or in their mixture, is between 5 and 40 % by weight, ~~referred~~ referring to the total weight of the concentrated disinfectant formula.

Claim 6 (currently amended) The method Use according to claim 2, ~~characterized in that~~ wherein the weight ratio of the alcohols, individually or in their mixture, is between 5 and 60 % by weight, ~~referred~~ referring to the total weight of the concentrated disinfectant formula.

Claim 7 (currently amended) The method Use according to claim 1, ~~characterized in that~~ wherein the disinfectant contains between 1 and 8 % by weight of at least one or several sequestering agents of the type agent selected from the group consisting of aminoacetic acids or and phosphonic acids and their derivatives.

Claim 8 (currently amended) The method Use according to ~~any one of claims~~ claim 1 to 7 wherein the combination is in an aqueous, dilute solutions solution containing between 0.5 and 10 % by weight of the concentrated disinfectant formula.

Claim 9 (currently amended) The method Use according to ~~any one of claims~~ claim 1 to 8, ~~characterized in that~~ wherein the phenols are selected from the group consisting of 2-isopropyl-5-methylphenol, 2-, 3-, or 4-methylphenol, hexylresorcinol, 2-phenylphenol, 2-methoxyphenol, 3-methyl-4-chlorophenol, 3,5-dimethyl-4-chlorophenol, 2-benzyl-4-chlorophenol individually or mixed.

Claim 10 (currently amended) The method Use according to any one of claims
claim 1 to 9, characterized in that wherein the aromatic monohydroxycarboxylic acid is selected
from the group consisting of 2-, 3-, 4-hydroxybenzoic acid.

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Claim 11 (currently amended) The method Use according to any of claims claim 1
to 10, characterized in that wherein the dihydroxybenzoic acids are selected from the group
consisting of 2,3-, 2,4-, 2,5-, 2,6-, 3,4-, and 3,5-dihydroxybenzoic acid.

10 Claim 12 (currently amended) The method Use according to any one of claims
claim 1 to 11, characterized in that wherein the trihydroxybenzoic acid is selected from the group
consisting of 2,3,4-trihydroxybenzoic acid, 2,4,6-trihydroxybenzoic acid, 3,4,5-
trihydroxybenzoic acid.

15 Claim 13 (new) A method of preparing a product for use as a disinfectant for the
control and inactivation of pathogenic germs comprising the steps of producing an effective
mixture of mono, di, and trihydroxybenzoic acids and phenols and anionic and nonionic
surfactants as wetting agents by mixing an effective microbicidal and antiviral combinations of
at least one acid selected from the group consisting of aromatic monohydroxycarboxylic acids,
20 dihydroxybenzoic acids, and trihydroxybenzoic acids, and phenols in combination with a
surfactant selected from the group consisting of alkyl sulfonates, alkyl aryl sulfonic acid, alkyl
aryl sulfonates, alkyl aryl ether sulfates with 1 to 3 EO groups, alkyl ether sulfates with 1 to 3 EP
groups, their sodium, potassium, and ammonium salts with primary or branched chains having a
length of C₈ to C₁₈ as anionic surfactant and alkyl polyethyleneglycol ethers with 3 to 11 EO
25 groups as nonionic surfactant.

Claim 14 (new) The method according to claim 13, wherein the disinfectant
comprises a salt selected from the group consisting of butyl monoglycol sulfate,
cumenesulfonate, toluenesulfonate, xylenesulfonate as sodium, potassium, or ammonium salt; at
30 least one aliphatic alcohols or glycols having a chain length of C₂ to C₁₂; and at least one

aliphatic carboxylic acids or hydroxycarboxylic acids having a chain length of C₁ to C₆, as pH regulators.

5 Claim 15 (new) The method according to claim 13 wherein the weight ratio of the hydroxybenzoic acids (A) to the phenols (B) is between 1 : 9 and 9 : 1.

10 Claim 16 (new) The method according to claim 13 wherein the weight ratio of the alkyl sulfonates and/or alkyl aryl sulfates and/or ether sulfates and their salts (C) to the acids and phenols (A + B), C : (B + A), is between 1 : 9 and 9 : 1.

15 Claim 17 (new) The method according to claim 1 wherein the disinfectant contains between 1 and 8 % by weight of at least one sequestering agent.

20 Claim 18 (new) The method according to claim 13 comprising the step of preparing an aqueous, dilute solution containing between 0.5 and 10 % by weight of the concentrated disinfectant formula.

25 Claim 19 (new) The method according to claim 13 wherein the phenols are selected from the group consisting of 2-isopropyl-5-methylphenol, 2-, 3-, or 4-methylphenol, hexylresorcinol, 2-phenylphenol, 2-methoxyphenol, 3-methyl-4-chlorophenol, 3,5-dimethyl-4-chlorophenol, 2-benzyl-4-chlorophenol individually or mixed.

30 Claim 20 (new) The method according to claim 13 wherein the aromatic monohydroxycarboxylic acid is selected from the group consisting of 2-, 3-, 4-hydroxybenzoic acid.

35 Claim 21 (new) The method according to claim 13 wherein the dihydroxybenzoic acids are selected from the group consisting of 2,3-, 2,4-, 2,5-, 2,6-, 3,4-, and 3,5-dihydroxybenzoic acid.

Claim 22 (new) The method according to claim 13 wherein the trihydroxybenzoic acid is selected from the group consisting of 2,3,4-trihydroxybenzoic acid, 2,4,6-trihydroxybenzoic acid, 3,4,5-trihydroxybenzoic acid.